Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187) Rabbit mAb

Catalog No: #58551

Package Size: #58551-1 50ul #58551-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human
Specificity	Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187) Antibody detects endogenous levels of total Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187)
Immunogen Description	A synthesized peptide derived from human Phospho-Erk1 (T202/Y204) + Erk2 (T185/Y187)
Other Names	MAPK3; MK03; MNK1; p44-ERK1; P44-ER; ERK-1; ERK1; ERT2; kinase ERK1; MAP kinase 1; MAPK 1;
Accession No.	Uniprot:P27361
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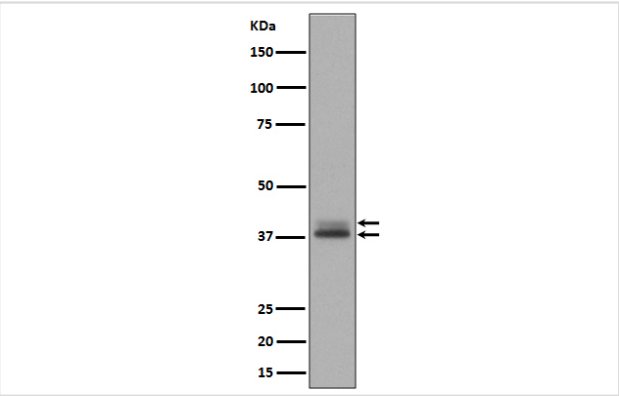
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000 IHC 1:50~1:100 ICC/IF 1:50~1:100 FC 1:40

Images



Western blot analysis of Phospho- Erk1 (T202/Y204) + Erk2 (T185/Y187) expression in A431 cell lysate treated with EGF.

Product Description

Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK1/ERK2 and MAPK3/ERK1 are the 2 MAPKs which play an important role in the MAPK/ERK cascade. They participate also in a signaling cascade initiated by activated KIT and KITLG/SCF. Depending on the cellular context, the MAPK/ERK cascade mediates diverse biological functions such as cell growth, adhesion, survival

and differentiation through the regulation of transcription, translation, cytoskeletal rearrangements.

Background

Serine/threonine kinase which acts as an essential component of the MAP kinase signal transduction pathway. MAPK1/ERK2 and MAPK3/ERK1 are the 2 MAPKs which play an important role in the MAPK/ERK cascade. They participate also in a signaling cascade initiated by activated KIT and KITLG/SCF. Depending on the cellular context, the MAPK/ERK cascade mediates diverse biological functions such as cell growth, adhesion, survival and differentiation through the regulation of transcription, translation, cytoskeletal rearrangements.

Note: This product is for in vitro research use only